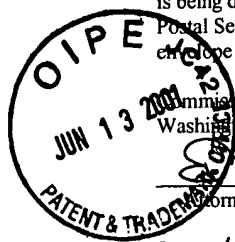


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Attorney for Applicant

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PATENT

Attorney Docket No.: DB000911-000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kartik Venkataraman)
Serial No.: 09/810,654)
Filed: 15 March 2001) Art Unit: 2183
Entitled: ARCHITECTURE FOR REAL-TIME TEXTURE LOOK-UP'S FOR VOLUME
RENDERING)

TRANSMITTAL LETTER FOR POWER OF
ATTORNEY AND 37 C.F.R. § 3.73(b) STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With respect to the above-referenced patent application, transmitted herewith for filing is:

1. a Power of Attorney and 37 C.F.R. § 3.73(b) Statement.

The Commissioner is hereby authorized to charge any underpayment or credit any
overpayment to our Deposit Account No. 20-0888. A copy of this transmittal letter is enclosed.

Respectfully Submitted,

Edward L. Pencoske

Reg. No. 29,688

THORP REED & ARMSTRONG, LLP

One Oxford Centre, 14th Floor

Pittsburgh, PA 15219-1425

(412) 394-7789

Dated: 11 June 2001

Attorney for Applicant



PATENT

00-0893

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
37 C.F.R. § 3.73(b) Statement

Applicant(s): Kartik Venkataraman

For: ARCHITECTURE FOR REAL-TIME TEXTURE LOOK-UP'S FOR VOLUME
RENDERING

Serial No.: _____

Filed: _____

Micron Technology, Inc. is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the United States Patent and Trademark office on _____ at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From _____ To: _____

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☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Power of Attorney

I hereby revoke all previous powers of attorney, if any, and appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Edward L. Pencoske
Jenifer C. Slinsky
John E. Mrozinski

Reg. No. 29,688
Reg. No. 46,064
Reg. No. 46,179

Michael L. Lynch Reg. No. 30,781

Please Direct All Correspondence to:

**Edward L. Pencoske, Esquire
Thorp Reed & Armstrong
One Oxford Centre, 14th Floor
301 Grant St.
Pittsburgh, PA 15219-1425**

Declaration

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R. § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

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Name

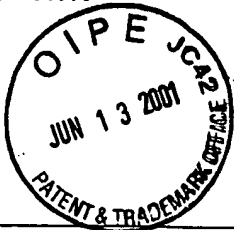
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Name (line 1) Micron Technology, Inc.
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Address (line 1) 8000 S. Federal Way
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Address (line 3) Boise ID/ USA 83707-0006
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Area Code and Telephone Number 412/394-7789

Name Edward L. Pencoske, Esq.

Address (line 1) Thorp Reed & Armstrong, LLP

Address (line 2) One Oxford Centre, 14th Floor

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Patent Application Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

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Patent Cooperation Treaty (PCT)

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Number of Properties

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Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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No

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Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Edward L. Pencoske

Name of Person Signing

Edward L. Pencoske

Signature

15 March 2001

Date

Attorney's Docket No.: DB000911000

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☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor(s) or person(s) or
entity(ies) who own the
invention

Kartik Venkataraman

(type or print name(s) of ASSIGNOR(S))

1485 Lakeshore Circle, San Jose, CA 95131

Address

U.S.

Nationality

*(if assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO, add the following)*

Recorded on _____

Reel _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

Micron Technology, Inc.

(type or print name(s) of ASSIGNEE(S))

8000 S. Federal Way

Boise, ID 83707-0006

Address

Nationality

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and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest for the
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☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

ARCHITECTURE FOR REAL-TIME TEXTURE LOOK-UP'S FOR VOLUME RENDERING

Name of inventor(s) Kartik Venkataraman

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

- (a) ☒ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above entitled invention.
 ☐ Express mail label no. _____
 Mailed: _____
 ☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d) ☐ U.S. application no. _____
 filed on _____
(e) ☐ International application no. PCT/_____/_____
(f) ☐ U.S. patent no. _____ issued _____
 ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said

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invention and said Letter Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this _____ day of

Date of Signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 9 March 2001



Signature of ASSIGNOR(S)

Date: _____

Date: _____

Date: _____

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)

Title

Note: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☒ Notarization or Legalization Page Added.